

AMENDMENT TO THE CLAIMS

Please replace the below identified claims with the following:

1-9. (Canceled).

10. (Previously Presented) The hydrolyzable prepolymer of claim 21, wherein the prepolymer is poly(polycaprolactone-500 diol formal) having a molecular weight of about 3600.

11-20. (Canceled).

21. (Currently Amended) A hydrolyzable prepolymer for explosive and propellant compositions, comprising the general formula



wherein R is a carbon chain or carbon and heteroatom chain monomer unit, the monomer unit having a molecular weight of from about 300 to about 1000;

wherein n is a numeral ranging from about  $\underline{5}$  to about  $\underline{8}$ ; and,

wherein the  $-\text{O}-\text{CH}_2-\text{O}-$  within a backbone of the prepolymer is a hydrolyzable moiety, being hydrolyzable at room temperature using an acid having a concentration of about 2.0 N.

22. (Canceled).